

## Baxter Street to E Stonewall Street Wastewater Replacement Project



◀ Tunneling requires entry and exit shafts, like this one for a similar wastewater project.

What an entry and exit shaft looks like from the street.



5100 Brookshire Boulevard  
Charlotte, NC 28216

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Charlotte, NC  
Permit #8

# Construction is Coming To Your Area Soon



## Wastewater

Pipe Replacement Update

MAY 2020

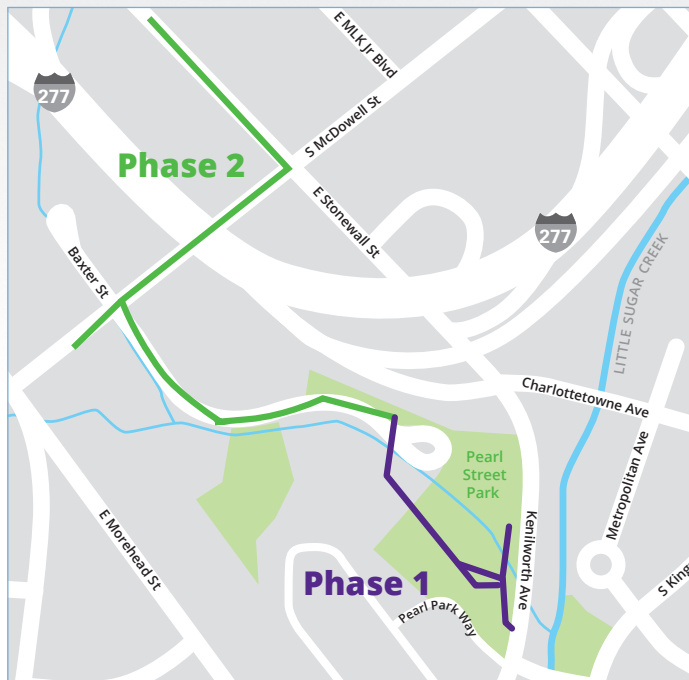


# Baxter Street to E Stonewall Street Wastewater Replacement Project

Contractors for Charlotte Water are constructing an important wastewater project in the Uptown area. The project will bring wastewater capacity expansion and improvements for the growing central business district. The project began in Pearl Street Park, adjacent to Kenilworth Avenue, earlier this year and is now beginning a second phase of work tunneling under Baxter Street toward S. McDowell Street.

## Project Facts and Timeline:

- The current pipe ranges from 15-inch to 24-inch in diameter and replacement pipe will be 48-inch in diameter. The project will also include installation of 60-inch pipe for the future Little Sugar Creek Trunk Line.
- This will be the first curved wastewater pipeline in Charlotte.
- This project is anticipated to be activated in phases and completed in late 2021.
  - **Phase 1:** Pearl Street Park to Baxter Street construction began January 2020 and will be completed in June 2020; nearly 1,000 linear feet of pipe has been installed.
  - **Phase 2:** Baxter Street to E. Stonewall Street construction expected to start June 2020; 3,600 linear feet of pipe to be installed by tunnel construction at approximately 35-40 feet underground.



## Construction Activities to Expect:

- **Moving equipment on site** – Crews will move construction equipment and materials to easements along the project site throughout construction.
- **Pipe delivery and storage** – Pipe is delivered and stored within the construction easements.
- **Establishing a safe work zone** – Fencing will be installed around work areas and pipe will be stabilized.
- **Tunnel preparation and construction** – Crews will construct tunnel entry and exit shafts and tunnel in between, to reduce impact to properties and motorists.
- **Lane closures and detours around work** – Motorists should follow all traffic control signs
- **Customers may feel a rumble** – Crews may remove rock by use of controlled small-scale blasts. Blasting is a standard construction procedure and a seismograph monitor will record all vibrations to ensure they are within specifications.
- **Construction traffic** – Dump trucks will travel along the alignment, within the easements and roadway

## Next Steps:

Phase 1 work is expected to be completed in June 2020. Phase 2 work is expected to be completed by late 2021. Construction schedules are subject to change, due to weather and other conditions.

**QUESTIONS:** Please visit the project website at [www.charlottewater.org](http://www.charlottewater.org) (click on “projects”) for updates on progress. If you have questions, please contact project manager Bill Deal, (980) 722-0786, [wdeal@charlottenc.gov](mailto:wdeal@charlottenc.gov).